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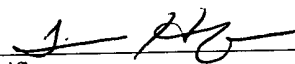
Attorney's Docket No.: B01102.70000.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andrey Zarur Jury et al.
Serial No.: 09/707,852
Confirmation No.: 9828
Filed: November 7, 2000
Entitled: MICROREACTOR
Examiner: David A. Redding
Art Unit: 1744

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on April 16, 2003.


Tina Hanifin

Commissioner for Patents
Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

Transmitted herewith is/are the following document(s):

- ☒ Preliminary Amendment
☒ Return Receipt Postcard

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Please calculate the fees as shown below:

CLAIMS AS AMENDED							
	Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra	Rate	Additional Fee
TOTAL CLAIMS	54	-	101	=	0	\$ 18	= \$ 0.00
INDEP. CLAIMS	1	-	4	=	0	\$ 84	= \$ 0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT							= \$ 0.00

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

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Confirmation No. 9828

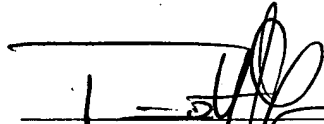
- 2 -

Art Unit: 1744

No check is enclosed. If there is a fee, please charge the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

Andrey Z. Jury et al., Applicants



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xNDD



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Tina Hanifin

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Washington, D.C. 20231

Sir:


PRELIMINARY AMENDMENT

Before beginning examination of the above-identified application on its merits, please amend the application as follows.

In the Claims

Please rewrite the claims below as shown. A marked-up version of the rewritten claims is appended hereto illustrating these changes.

58. (Amended) A reactor for carrying out a reaction involving at least one living cell, comprising:


a reaction unit including a chamber having a volume of less than 1 ml, an inlet for adding starting material to the chamber, and an outlet for release of a product of a reaction involving at least one living cell.